IB2004/003224

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B62J1/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 B62J B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 131 994 A (YATES PAUL M) 17 October 2000 (2000-10-17) column 2, line 24 - column 3, line 17; figures 3,4	1,2,5-7
A	US 5 356 205 A (CALVERT NATHANIEL ET AL) 18 October 1994 (1994-10-18) figures 4,5,9c	1,3,5,20
A	EP 0 653 279 A (SELLE ROYAL SPA) 17 May 1995 (1995-05-17) abstract; figure 2	1,3
A	WO 98/29010 A (FAIST STEPHEN E ; GRAEBE ROBERT H (US)) 9 July 1998 (1998-07-09) figure 3	1,5

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 10 January 2005	Date of malling of the international search report 19/01/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Feber, L

	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Indo-
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 165 752 A (TERRY GEORGENA) 24 November 1992 (1992-11-24) column 5, line 52 - column 5, line 55; figures 4,5	1,10-12

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6131994	Α	17-10-2000	US US	5904396 A 6290794 B1	18-05-1999 18-09-2001
US 5356205	Α	18-10-1994	NONE		· · · · · · · · · · · · · · · · · · ·
EP 0653279	A	17-05-1995	IT DE DE EP US US	1270728 B 69318159 D1 69318159 T2 0653279 A1 5441676 A 5670232 A	07-05-1997 28-05-1998 20-08-1998 17-05-1995 15-08-1995 23-09-1997
WO 9829010	A	09-07-1998	AT AU CA DE DE EP ES WO	257350 T 7887898 A 2257922 A1 69727145 D1 69727145 T2 0928146 A1 2214643 T3 9829010 A1	15-01-2004 31-07-1998 09-07-1998 12-02-2004 25-11-2004 14-07-1999 16-09-2004 09-07-1998
US 5165752	Α	24-11-1992	NONE		

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B62J1/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Mmimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{B62J} & \text{B29C} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 6 131 994 A (YATES PAUL M) 17 October 2000 (2000-10-17) column 2, line 24 - column 3, line 17; figures 3,4	1,2,5-7
A	US 5 356 205 A (CALVERT NATHANIEL ET AL) 18 October 1994 (1994-10-18) figures 4,5,9c	1,3,5,20
A	EP 0 653 279 A (SELLE ROYAL SPA) 17 May 1995 (1995-05-17) abstract; figure 2	1,3
A	WO 98/29010 A (FAIST STEPHEN E ; GRAEBE ROBERT H (US)) 9 July 1998 (1998-07-09) figure 3	1,5

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the International filing date but later than the priority date claimed	 "T" later document published after the international filing date or pnority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 10 January 2005	Date of mailing of the international search report 19/01/2005
Name and mailing address of the ISA European Patent Office, P 8 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer
Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax (+31-70) 340-3016	Feber, L

	I TO BE BELEVANT	182004/ 003224
C.(Continue Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 5 165 752 A (TERRY GEORGENA) 24 November 1992 (1992-11-24) column 5, line 52 - column 5, line 55; figures 4,5	1,10-12

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6131994	Α	17-10-2000	US US	5904396 A 6290794 B1	18-05-1999 18-09-2001
US 5356205	A	18-10-1994	NONE		
EP 0653279	Α	17-05-1995	IT DE	1270728 B 69318159 D1	07-05-1997 28-05-1998
			DE EP	69318159 T2 0653279 A1	20-08-1998 17-05-1995
			US US	5441676 A 5670232 A	15-08-1995 23-09-1997
WO 9829010	Α	09-07-1998	AT	257350 T	15-01-2004
			AU Ca	7887898 A 2257922 A1	31-07-1998 09-07-1998
			DE	69727145 D1	12-02-2004
			DE	69727145 T2	25-11-2004
			EP	0928146 A1	14-07-1999
			ES	2214643 T3	16-09-2004
			WO	9829010 A1	09-07-1998
US 5165752	Α	24-11-1992	NONE		